IPL M PDP-ES

IP LINK™ INTERFACE MODULE FOR ES COMPATIBLE PIONEER PLASMA DISPLAY PANELS

- IP Link™ Ethernet interface module
- Integrated control, scheduling, and monitoring capabilities
- Bi-directional RS-232 port for pass-through of Pioneer control codes
- Integral Web server
- Global compatibility
- High performance architecture
- Multi-user support
- Multiple levels of security with password protection
- Compatible with GlobalViewer™ software

The Extron IPL M PDP-ES is an Ethernet control card for Pioneer Electronics 4G (Fourth Generation) plasma displays. The IPL M PDP-ES features an integrated Web server, with built-in control, scheduling, and monitoring capabilities. In addition to Ethernet connectivity, the IPL M PDP-ES features one 9-pin D-sub serial port that is configured to pass through Pioneer command codes from the control system.

DESCRIPTION

The Extron **IPL M PDP-ES** is a compact Ethernet control card that installs in Pioneer Electronics plasma displays that support the Pioneer ES (Expansion Solution) COMM port card format. The IPL M PDP-ES features an integral Web server and enables remote, proactive monitoring and troubleshooting of the display.

Preloaded control pages provide basic control and monitoring functionality for compatible Pioneer plasmas displays. Using the built-in control pages, an administrator can monitor the display status in real time, turn the plasma ON or OFF, change signal input selections, and more -- from a remote location via a network connection. The device can be scheduled to turn itself ON and OFF daily at preset times. The IPL M PDP-ES can be configured to send an e-mail alert for various events, such as if the plasma's internal temperature exceeds a user-configurable threshold.

The IPL M PDP-ES uses an integrated, high performance Web server with memory for storing HTML, JavaScript, Flash™ animation, and graphics files. Customizable Web pages can be created and stored using off-the-shelf software programs, such as Macromedia® Dreamweaver® and Microsoft® FrontPage®.

GlobalViewer™ Software
Extron's GlobalViewer™ software is a Web based application that runs on the Web server built in to the IPL M PDP-ES. GlobalViewer software is a free application with robust features including multiple room views, real-time device status, e-mail notification, and event scheduling that does not require programmers or HTML knowledge. GlobalViewer software extends the asset management functionality of the IPL M PDP-ES, allowing status information for multiple Pioneer plasmas to appear directly in a single GlobalViewer screen along with the data for other IP Link-enabled products.

FEATURES

- **IP Link™ Interface Module** – Compact Ethernet control card installs in Pioneer Electronics plasma displays that support the Pioneer ES (Expansion Solutions) COMM card format.
- **Integrated control, scheduling, and monitoring capabilities** – Preloaded control pages provide basic native functionality. The IPL M PDP-ES is fully compatible with GlobalViewer for extended remote management capabilities.
- **Bi-directional RS-232 port** – The IPL M PDP-ES features one 9-pin D-sub serial port that will pass through standard Pioneer commands.
- **Integral Web server** – Each IP Link interface features a built-in Web server with memory available for storing device drivers, built-in control pages, GlobalViewer control pages, and customized Web pages.
- **Global compatibility** – All IP Link products use industry standard Ethernet communication protocols, including ARP, DHCP, ICMP (ping), TCP/IP, UDP/IP, Telnet, HTTP, and SMTP.
- **High performance architecture** – Web pages are served many times faster (6 Mbps transfer rate) than similar products, so data is refreshed at a consistently high speed.
- **Multi-user support** – Each IP Link device supports multiple concurrent users, improving system throughput by sending information in parallel.
- **Multiple levels of security with password protection** – User access level authorizes limited entry to only pre-designated functions, while administrator access level permits full access to advanced settings.
- **Compatible with GlobalViewer software** – GlobalViewer software is a free Web application with robust features including multiple room views, real-time device status, e-mail notification, and event scheduling.

SPECIFICATIONS

ETHERNET CONTROL INTERFACE

Connectors	1 RJ-45 female connector
Data rate	10/100 full duplex with autodetect
Protocols	ARP, DHCP, ICMP (ping), TCP/IP, UDP/IP, Telnet, HTTP, SMTP
Default settings	Link speed and duplex level = autodetected IP address = 192.168.254.254, subnet mask = 255.255.0.0, default gateway = 0.0.0.0 DHCP = off

SERIAL CONTROL INTERFACE

Port number/type	1 RS-232
Connectors	(1) 9-pin female D
Baud rate and protocol	1200, 2400, 4800, 9600 (default), 19200, 38400 baud (adjustable); 8 data bits, 1 stop bit, no parity
Pin configurations (RS-232)	2 = RX, 3 = TX, 5 = GND

GENERAL

Power	Supplied by a Pioneer plasma display
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, noncondensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, noncondensing
Rack mount	No
Enclosure type	Metal faceplate
Product dimensions	
Faceplate	1.09" H x 4.80" W x 0.26" D (2.6 cm H x 12.2 cm W x 0.7 cm D)
Device	0.9" H x 3.6" W x 3.5" D (2.3 cm H x 9.2 cm W x 8.8 cm D) (Depth excludes connectors.)
Product weight	0.2 lbs (0.11 kg)
Shipping weight	1 lbs (1 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings	UL1950/UL6500, CUL
Compliances	CE, FCC part 15 B class B, VCCI class B, AS/NZS, ICES, IFCC Class A, IEC60950, IEC60056, EN550ee class B, EN55024, EN61000-3-2,-3-3
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE: All nominal levels are at ±10%.

Specifications are subject to change without notice.

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